



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/699,757	10/30/2000	Nobuyuki Matsushita	112857-076	6866

29175 7590 12/18/2002

BELL, BOYD & LLOYD, LLC
P. O. BOX 1135
CHICAGO, IL 60690-1135

EXAMINER

GOOD JOHNSON, MOTILEWA

ART UNIT PAPER NUMBER

2672

DATE MAILED: 12/18/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

54

Office Action Summary

Application No.

09/699,757

Applicant(s)

MATSUSHITA ET AL.

Examiner

Motilewa A. Good-Johnson

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This office action is responsive to the following communications: Application, filed on 10/30/2000; Preliminary Amendment A, filed on 10/30/2000.
2. Claims 1-9 are pending in this application. Claims 1, 4 and 6-8 are independent claims.
3. The present title of this application is "Graphic Processing Apparatus" (as originally filed).

Priority

4. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Moran et al., U.S. Patent Number 5,880,743, "Apparatus and Method for Implementing Visual Animation Illustrating Results of Interactive Editing Operations", 345/473, 03/1999.

As per independent claim 1, a graphic processing apparatus comprising: a touch panel; Moran discloses touch panel detection circuit, col. 5, line 57; means for deciding

Art Unit: 2672

whether a single point or two points are specified on the touch panel; Moran discloses X-Y detection circuit which detects the input point touched on the touch panel surface, col. 5, lines 50-58; means for performing a graphic processing in a first graphic processing mode . . . ; and means for performing a graphic processing in a second processing mode . . . Moran discloses performing operations on a drawing surface based upon the user input represented by command gestures to select functions for operating on the working surface, col. 7, lines 1-50.

With respect to dependent claim 2, the first graphic processing mode is a processing for moving a predetermined graphic object along a trace . . . Moran discloses to move a selected item the user may draw a line form the selected position to the target position, col. 12, lines 47-51.

With respect to dependent claim 3, the second graphic processing mode performs at least one of enlargement, reduction, and rotation. Moran discloses functions such as a draw mode, delete, move, shrink, col. 7, lines 7-9.

As per independent claim 4, a portable computer comprising: a frame . . . ; Moran discloses a drawing surface as an electronic input device, col. 7, lines 1-5; a touch panel formed on the upper surface of the frame; Moran discloses a touch panel and detecting the touch by the user, col. 6, lines 49-51; detecting means for detecting specification of a predetermined are on the touch panel . . . ; Moran discloses detection circuit, col. 5, line 52; selection means for selecting a graphic processing mode corresponding to the predetermined area . . . ; Moran discloses functions accessed by a pop-up menu, col. 5, lines 9-15, which constitutes selection means; and execution

means for executing a graphic processing in the graphic processing mode . . . Moran discloses operation implementation means for executing that operation, col. 7, lines 48-50.

With respect to dependent claim 5, graphic processing performs at least one of enlargement, reduction, and rotation. Moran discloses functions such as a draw mode, delete, move, shrink, col. 7, lines 7-9.

As per independent claim 6, it is rejected based upon similar rational as above independent claim 4. Moran further discloses functions accessed by a pop-up menu, col. 5, lines 9-15, which constitutes displaying selection items on the touch panel.

As per independent claim 7, it is rejected based upon similar rational as above independent claim 4. Moran further discloses means to interpret the user's stroke as a command, col. 7, lines 35-40.

As per independent claim 8, a coordinate position input apparatus comprising: a touch panel for outputting a coordinate data of a middle point . . . ; Moran discloses a touch panel and detecting the touch by the user, col. 6, lines 49-51; storage means for retaining coordinate position of the two points . . . ; Moran discloses storage means for various pattern data or character patterns and storing display positions, col. 6, lines 60-67; detection means for detecting a coordinate position . . . ; Moran discloses detection circuit, col. 5, line 52; and calculation means for calculating a coordinate of one of the two touch points . . . Moran discloses X-Y detection circuit which detects the x, y coordinates of the input point, col. 5, lines 54-56.

With respect to dependent claim 9, a second point is touched while a first point is touched, the touch point of the second point is calculated according to a current middle point coordinate position and a previous first point . . . Moran discloses X-Y detection circuit which detects the input point touched on the touch panel surface, col. 5, lines 50-58.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5,796,406 Shigematsu et al. 345/863 08/1998

Gesture-based input information processing apparatus.

5,861,886 Moran et al. 345/863 01/1999

Method and apparatus for grouping graphic objects on a computer based system having a graphical user interface.

5,500,935 Moran et al. 345/863 03/1996

Apparatus and method for translating graphic objects and commands with direct touch input in a touch based input system.

5,821,930 Hansen 345/702 10/1998

Method and system for generating a working window in a computer system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Motilewa A. Good-Johnson whose telephone number is

Application/Control Number: 09/699,757
Art Unit: 2672

Page 6

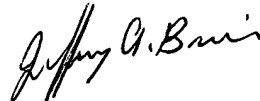
(703) 305-3939. The examiner can normally be reached on Monday - Friday 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on (703) 305-4713. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

Motilewa A. Good-Johnson
Examiner
Art Unit 2672

mgj
December 6, 2002



JEFFREY A. BROWN
EXAMINER